

# STIC EIC 2100 Search Request Form

Today's Date:

12/29/04

What date would you like to use to limit the search?

Priority Date:

3/1/99

Other:

Name Michael A. C.

AU 2167 Examiner # 78414

Room # 3CC9 Phone 24155

Serial # 09/388,261

Format for Search Results (Circle One):

☒ PAPER

☐ DISK

☐ EMAIL

Where have you searched so far?

☒ USP

☐ DWPI

☐ EPO

☐ JPO

☐ ACM

☐ IBM TDB

☐ IEEE

☐ INSPEC

☐ SPI

☐ Other

Is this a "Fast & Focused" Search Request? (Circle One) ☒ YES ☐ NO

A "Fast & Focused" Search is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2100 and on the EIC2100 NPL Web Page at <http://ptoweb/patents/stic/stic-ic2100.htm>.

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

Accessing & processing customer records in the database.  
Generate the output & deliver the customer record in the delivery options to be transmitted.  
"Automated" same creation same deliver & ...  
"General" same customer & same record & ...  
Same deliver & same option & ...  
"Receive" same database & same process & ...  
"Access" same query & ...  
"Transmitting" same deliver & same option & ...

STIC Searcher

David Hollaway

Phone

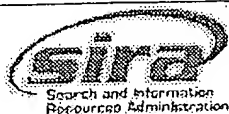
2-3528

Date picked up

12-20-04

Date Completed

12-20-04



BEST AVAILABLE COPY

Set	Items	Description
S1	52453	(TWO OR 2 OR SECOND OR 2ND OR ADDITIONAL OR ANOTHER OR VARIOUS OR VARIET? OR BOTH) (2N) (DATABASE? OR DATABANK? OR DATA()-(BASE? OR BANK?) OR DB OR OODB OR RDB OR DBMS)
S2	67705	(CUSTOMER? OR PERSONAL? OR INDIVIDUAL? OR MEMBER? OR SHOPPER?) (2N) (PROFILE? OR PREFER? OR CHARACTER? OR HISTOR?)
S3	10053869	COMBIN? OR COMPOUND? OR INTEGRAT? OR JOIN?
S4	73465	EMAIL? OR (E OR ELECTRONIC) ( ) (MAIL? OR MESSAG?)
S5	42174	FAX? OR FACSIMILE?
S6	24783	POSTAL OR (PRINTED? OR HARDCOPY OR HARD()COPY) (N) DOCUMENT?
S7	373580	(MULTIPL? OR PLURAL? OR SELECT? OR CHOOSE? OR ANY OR VARIOUS OR MANY) (3N) (DELIVER? OR TRANSMI? OR SEND? OR METHOD?)
S8	3	S1 AND S2 AND S7
S9	19	S1 AND S2 AND S3
S10	10456	S1 AND (DOCUMENT? OR MESSAG? OR REPORT? OR TEXT? OR MAIL?)
S11	209	S10 AND (S4 OR S5 OR S6)
S12	4	S11 AND S7
S13	98	S11 AND (MULTIPL? OR PLURAL? OR SEVERAL? OR VARIOUS OR VARIET? OR DIFFERENT?)
S14	28	S3 AND S13
S15	53	S14 OR S9 OR S8 OR S12
S16	46	RD (unique items)
S17	27	S16 NOT PY>1999
S18	26	S17 NOT PD>19990531
File	8: Ei Compendex(R)	1970-2004/Dec W2 (c) 2004 Elsevier Eng. Info. Inc.
File	35: Dissertation Abs Online	1861-2004/Dec (c) 2004 ProQuest Info&Learning
File	202: Info. Sci. & Tech. Abs.	1966-2004/Nov 02 (c) 2004 EBSCO Publishing
File	65: Inside Conferences	1993-2004/Dec W3 (c) 2004 BLDSC all rts. reserv.
File	2: INSPEC	1969-2004/Dec W2 (c) 2004 Institution of Electrical Engineers
File	94: JICST-EPlus	1985-2004/Nov W2 (c) 2004 Japan Science and Tech Corp(JST)
File	111: TGG Natl. Newspaper Index(SM)	1979-2004/Dec 16 (c) 2004 The Gale Group
File	233: Internet & Personal Comp. Abs.	1981-2003/Sep (c) 2003 EBSCO Pub.
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File	99: Wilson Appl. Sci & Tech Abs	1983-2004/Nov (c) 2004 The HW Wilson Co.
File	95: TEME-Technology & Management	1989-2004/Jun W1 (c) 2004 FIZ TECHNIK

18/3,K/6 (Item 1 from file: 202)  
DIALOG(R)File 202:Info. Sci. & Tech. Abs.  
(c) 2004 EBSCO Publishing. All rts. reserv.

3000372

**Electronic access to document delivery and reference services.**

Author(s): Ross, A M; Corse, E L; Butterworth, D N

Medical Reference Services Quarterly vol. 13, no. 4, pages 13-20

Publication Date: Win 1994

ISSN: 0276-3869

Language: English

Document Type: Journal Article

Journal Announcement: 3000

**Electronic access to document delivery and reference services.**

...Pennsylvania's Biomedical Library. In addition, a module was created to handle reference questions via **electronic mail**. Users have made extensive use of the new system, which makes the request process faster...

...processing. The system eliminates the need for paper forms and has the potential to be **integrated** with **various databases** and library applications.

Descriptors: Biomedicine; Computer programs; **Document delivery**;

**Electronic mail**

18/3,K/8 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

6093387 INSPEC Abstract Number: C9901-6150N-019

**Title: Middleware-the case for generic access**

Author(s): Hill, T.

Author Affiliation: Intersolv UK, St. Albans, UK

Journal: Enterprise Middleware p.12-14

Publisher: Xephon,

Publication Date: June 1998 Country of Publication: UK

Material Identity Number: G410-98005

Language: English

Subfile: C

Copyright 1998, IEE

...Abstract: enables a client to communicate with a database via network connection, and allows access to **different** types of information from **various databases** from the comfort of your desktop. You can access data using a common language, such as SQL, across the network connection that is already in place, for **e - mail**, printing or **document** -sharing facilities. The computer with the data receives and processes your request and returns the...

18/3,K/10 (Item 3 from file: 2)  
DIALOG(R)File 2:INSPEC  
(c) 2004 Institution of Electrical Engineers. All rts. reserv.

5559530 INSPEC Abstract Number: C9705-7250R-027

**Title: Universal data access with OLE DB**

Author(s): Blakeley, J.A.

Author Affiliation: Microsoft Corp., Redmond, WA, USA

Conference Title: Digest of Papers. COMPCON Spring 97. Forty-Second IEEE  
Computer Society International Conference Proceedings (Cat. No.97CB36028)  
p.2-7

Publisher: IEEE Comput. Soc. Press, Los Alamitos, CA, USA

Publication Date: 1997 Country of Publication: USA xvi+342 pp.

ISBN: 0 8186 7804 6 Material Identity Number: XX97-00756

U.S. Copyright Clearance Center Code: 1063 6390/97/\$10.00

Conference Title: Proceedings IEEE COMPCON 97. Digest of Papers

Conference Sponsor: IEEE Comput. Soc

Conference Date: 23-26 Feb. 1997 Conference Location: San Jose, CA,  
USA

Language: English

Subfile: C

Copyright 1997, IEE

...Abstract: s new data access API designed to enable access to all kinds  
of data sources, **both database** and non database, regardless of format  
or location. OLE DB builds on Microsoft's Component...

... providing an environment for business applications to access all kinds  
of data sources in an **integrated** way, including desktop data such as  
spreadsheets, **text** processing **documents** , and **electronic mail** ;  
server data stored in the file system, indexed sequential files,  
relational, hierarchical and network databases...

... a Universal Storage strategy which provides access to all kinds of data  
types such as **text** , spatial, video, and audio, and insist on placing all  
kinds of data used in an...

... that a vast amount of mission critical data in a corporation is stored  
in a **combination** of database and non database data sources for  
functionality and performance reasons. Therefore, Microsoft is pursuing a  
Universal Access strategy which provides an infrastructure that enables the  
**integration** of a wide **variety** of data sources so that applications can  
be written in an efficient, safe and disciplined...

18/3,K/16 (Item 3 from file: 94)  
DIALOG(R)File 94:JICST-EPlus  
(c)2004 Japan Science and Tech Corp(JST). All rts. reserv.

01066312 JICST ACCESSION NUMBER: 90A0283569 FILE SEGMENT: JICST-E  
Investigation report on distributed database technology.( Sponsor :  
Information-Technology Promotion Agency, technical centre )  
Information-Technology Promotion Agency, Software Technology Center  
Bunsan Detabesu Gijutsu ni kansuru Chosa Hokokusho. Showa 59nen, 1984,  
PAGE.241P  
JOURNAL NUMBER: N19900793P  
UNIVERSAL DECIMAL CLASSIFICATION: 681.3:654  
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan  
DOCUMENT TYPE: Journal  
ARTICLE TYPE: Original paper  
MEDIA TYPE: Printed Publication

Investigation report on distributed database technology.( Sponsor :  
Information-Technology Promotion Agency, technical centre )  
ABSTRACT: The following was examined.1) distributed database technology.  
2 ) operation management technology of data network.3) experiment of  
IPA-LAN combining . On 1), the problem of each allottype of distributed  
database is cleared. An approach to...

...of data alternating conversion system (DACS) of the Japanese National  
Railways is shown. On 3), electronic mail experimental system by  
Ethernet was designed as an example of application of file dispersion  
on different personal computer network. Transmission experiment  
between different type machines of kanji sentence is detailedly  
examined in regard of the problem of heterogeneity...  
...DESCRIPTORS: electronic mail

18/3,K/18 (Item 1 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
(c) 2003 EBSCO Pub. All rts. reserv.

00360326 94PI09-208

**Lotus Forms fills in the blanks**

Keizer, Gregg

PC Magazine , September 27, 1994 , v13 n16 p44, 1 Page(s)

ISSN: 0888-8507

Company Name: Lotus Development

Product Name: Lotus Forms

...add powerful features to forms. The package can import information to forms from a wide **variety** of **databases** . Forms can be routed over any VIM- or MAPI-compliant **e - mail** system. Filler, used to complete the form, provides some annotation tools, but not as many as those found in most **fax** packages. It is **integrated** well with Lotus Notes. Includes two screen displays. (djd)

18/3,K/22 (Item 1 from file: 6)  
DIALOG(R) File 6:NTIS  
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1952555 NTIS Accession Number: AD-A304 846/9

**Methodology for the Integration of Multiple Distributed Heterogeneous Databases: Application to Databases of the Tomahawk Engineering Community**  
(Master's thesis)

O'Neill, T. E. ; Prell, M. J.

Naval Postgraduate School, Monterey, CA.

Corp. Source Codes: 019895000; 251450

Sep 95 179p

Languages: English Document Type: Thesis

Journal Announcement: GRAI9616

Document partially illegible. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A10/MF A02

**Methodology for the Integration of Multiple Distributed Heterogeneous Databases: Application to Databases of the Tomahawk Engineering Community**

... future needs of the Tomahawk engineering support community. The goal of Engineering 2000 is to **integrate** the engineering, logistics, and management automated tools of the Tomahawk community into a single infrastructure. This thesis investigates the **integration** of Tomahawk distributed heterogeneous databases. It develops a six-step methodology for identifying an **integrated** strategy and architecture for heterogenous databases in a distributed environment and apply it to the **two** most significant **databases** used by the Tomahawk engineering community, Tomahawk Information Management Engineering System (TIMES) and Tomahawk Engineering...

... TEXN). The application of the methodology to these databases suggests a loosely coupled architecture for **integrating** their data. (MM).

... Descriptors: systems; Theses; Cruise missiles; Heterogeneity; Computer files; Littoral zones; Surface to surface missiles; Ship hulls; **Electronic mail**